| | | Approved | i for use through 10 | PTO/SB/05 (03-01) 0/31/2002. OMB 0651-0032 | | | |
|---|---------------------------------------|--|---|---|--|--|--|
| UTILITY | Atto | mey Docket No. | 740819-1043 | | | | |
| PATENT APPLICATION | | First Inventor Hiroaki FUJIMOTO et al. | | | | | |
| TRANSMITTAL | Title | SEMICONE | OUCTOR DE | VICE | | | |
| (Only for new nonprovisional applications under 37 CFR 1.53(t | | ess Mail Label No. | | | | | |
| APPLICATION ELEMENTS | // | | Mail Stop Patent | | | | |
| See MPEP chapter 600 concerning utility patent application cont | tents. | ADDRESS TO: | Commissioner for P.O. Box 1450 Alexandria, VA | 22313-1450 | | | |
| 1. Fee Transmittal Form (e.g., PTO/SB/17) | • | 7. CD-ROM or | CD-R in duplica | ate, large table or | | | |
| (Submit an original and a duplicate for fee processing) 2. | • | | ogram (Appendi | x) equence Submission | | | |
| See 37 CFR 1.27. | | (if applicable, al | | | | | |
| 3. Specification [Total Pages 25] | • | a. Computer Readable Form (CRF) | | | | | |
| (preferred arrangement set forth below) - Descriptive title of the invention | | b. Specification | | | | | |
| Cross Reference to Related Applications | | | ROM or CD-R (| 2 copies; or | | | |
| - Statement Regarding Fed sponsored R & D | | ii. 🗖 pape | | ity of above copies | | | |
| Reference to sequence listing, a table, or a computer program listing appendix | 1 | | | CATION PARTS | | | |
| - Background of the Invention | | лесомил | THING ALL E | | | | |
| Brief Summary of the Invention Brief Description of the Drawings (if filed) | | | | heet & document(s)) | | | |
| - Detailed Description | | 10. 37 CFR 3.7 | ` ' | □ Power of | | | |
| - Claim(s) | | (when there | e is an assignee) | Attomey | | | |
| - Abstract of the Disclosure | | 12. Information | | Copies of IDS | | | |
| 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 6] 5. Oath or Declaration [Total Pages 3] | | | IDS)/PTO-1449 | | | | |
| a. Newly executed (original or copy) | | 13. Preliminary | / Amendment | | | | |
| b. Copy from a prior application (37 CFR 1.63(d)) | | 14. 🗵 Return Rec | | | | | |
| (for continuation/divisional with Box 18 completed) | | ` | specifically item | • | | | |
| i. DELETION OF INVENTOR(S) | | 15. Certified C | opy of Priority L priority is claime | | | | |
| Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR | | 16. Nonpublica | | • | | | |
| 1.63(d)(2) and 1.33(b) | | | | must attach form | | | |
| 6. Application Data Sheet. See 37 CFR 1.76 | | PTO/SB/35 or its equivalent. | | | | | |
| · | | 17. Other: | | | | | |
| 18. If a CONTINUING APPLICATION, check appropriate box | x, and supply i | he requisite informati | on below and in | a preliminary amendment, | | | |
| or in an Application Data Sheet under 37 CFR 1.76: | | | | | | | |
| Continuation of prior Application No: 10/320,379 filed December 2001, now U.S. Patent 6,509,638. | ber 17, 2002; wł | ich is a Divisional of Ap | plication No. 09/94 | 6,363 filed September 6, | | | |
| Prior application information: Examiner: P. Greene | Group | / Art Unit: 2826 | | | | | |
| For CONTINUATION OR DIVISIONAL APPS only: The entire disci Box 5b, is considered a part of the disclosure of the accompanying con- | tinuation or div | isional application and | is hereby incorpo | | | | |
| incorporation can only be relied upon when a portion has been inadver | | | olication parts. | | | | |
| 19. CORRES | 22.53.2.2222 | | | | | | |
| E Customer Number or Bar Code Label 22204 or Correspondence address below | | | | | | | |
| (Insert Customer No. or | 170 Charles 400 170 Charles 20 July 1 | | | | | | |
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| Address | | | · | ·- | | | |
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| Country Telephone | | | Fax | | | | |

Registration No. (Attorney/Agent)

Donald R. Studebaker



32,815

January 30, 2004

Date

Name (Print/Type)

Signature

FEE TRANSMITTAL FOR FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$770.00

| | Complete if Known | | | | |
|----------------------|-------------------------|--|--|--|--|
| Application Number | New Application | | | | |
| Filing Date | January 30, 2004 | | | | |
| First Named Inventor | Hiroaki FUJIMOTO et al. | | | | |
| Examiner Name | P. Greene | | | | |
| Art Unit | 2826 | | | | |
| Attorney Docket No. | 740819-1043 | | | | |

| METHOD OF PAYMENT (check all that apply) | L | | | FI | EE CALC | ULATION (CO | munuea) | |
|---|--------------------|-----------------------------|--------------|-------------|----------------------|-------------------------------------|----------------------|--|
| Check Credit Card Money Other None | 3. ADDITIONAL FEES | | | | | | | |
| Deposit Account: | | Large Entity Small Entity | | | | • | | |
| Deposit 10 2280 (740810 1042) | Fee | Fee | Fee | Fee | | Fee Descri | ption | |
| Account Number 19-2380 (740819-1043) | Code 1051 | (\$) 130 | 2051 | (\$) 65 | Surcharge | – late filing fee o | e ooth | |
| . Number | 1051 | 50 | 2051 | 25 | _ | _ | filing fee or cover | |
| | 1032 | | | 23 | sheet | - late providiona. | Illing ice of cover | |
| Deposit N. D. I. I. I. D. | 1053 | 130 | 1053 | 130 | Non-Englis | sh specification | • | |
| Account Nixon Peabody LLP | 1812 | 2,520 | 1812 | 2,520 | For filing a | request for ex pa | arte reexamination | |
| · · · · · · · · · · · · · · · · · · · | 1804 | 920* | 1804 | 920* | Requesting | publication of S | IR prior to Examiner | |
| The Commissioner is authorized to: (check all that apply) | | | | : 0 *0* | action | | | ļ |
| Charge fee(s) indicated below Credit any overpayments | 1805 | 1,840* | 1805 | 1,840* | Requesting action | publication of 5 | IR after Examiner | |
| Charge any additional fee(s) | 1251 | 110 | 2251 | 55 . | | for reply within f | first month | |
| Charge fee(s) indicated below, except for the filing fee | 1252 | 420 | 2252 | 210 | Extension | for reply within s | second month | <u> </u> |
| to the above-identified deposit account. | 1253 | 950 | 2253 | 475 | | for reply within t | | |
| FEE CALCULATION | 1254 | 1,480 | 2254 | 740 | | for reply within f | | |
| 1. BASIC FILING FEE | 1255 | 2,010 | 2255 | 1,005 | | for reply within f | | |
| | 1401 | | | • | | | mu mona | <u> </u> |
| Large Entity Small Entity Fee Fee Fee Fee Description | | 330 | 2401 | 165 | Notice of A | | | |
| Code (S) Code (S) Fee Paid | 1402 | 330 | 2402 | . 165 | | ief in support of a | an appeal | |
| | 1403 | 290 | 2403 | 145 | • | r oral hearing | | |
| 1001 770 2001 385 Utility filing fee \$770 | 1451 | 1,510 | 1451 | 1,510 | | institute a public | | |
| 1002 340 2002 170 Design filing fee | 1452 | 110 | 2452 | 55 | Petition to | revive – unavoid | lable | |
| 1003 530 2003 265 Plant filing fee | 1453 | 1,330 | 2453 | 665 | Petition to | revive – unintent | tional | |
| 1004 770 2004 385 Reissue filing fee | 1501 | 1,330 | 2501 | 665 | Utility issu | e fee (or reissue) |) | |
| 1005 160 2005 80 Provisional filing fee | 1502 | 480 | 2502 | 240 | Design issi | | | |
| 1005 100 2005 60 1 tovisional inning fee | 1503 | 640 | 2503 | 320 | Plant issue | fee | | |
| SUBTOTAL (1) \$770.00 | 1460 | 130 | 1460 | 130 | Petitions to | the Commission | ner | |
| 9//0.00 | 1807 | 50 | 1807 | 50 | Decrecing | fra undar 37 CE | D 1 17/a) | <u> </u> |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1807 | 180 | 1807 | 180 | _ | fee under 37 CF n of Information | · - | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from | 8021 | 40 | 8021 | 40 | | _ | gnment per property | <u> </u> |
| Extra Claims below Fee Paid | 0021 | 40 | 0021 | 40 | | ber of properties | | |
| Total Claims 11 -20** = 0 X = = | 1809 | 770 | 2809 | 385 | | bmission after fin | nal rejection | |
| Independent 3 -3** = 0 X = | 1810 | 770 | 2810 | 385 | (37 CFR 1. | | on to be examined | <u> </u> |
| Claims | 10.0 | ,,, | 20.0 | 505 | (37 CFR 1 | | on to be examined | · |
| Multiple Dependent X = | 1801 | 770 | 2801 | 385 | Request fo | r Continued Exar | mination (RCE) | |
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| Large Entity Small Entity Fee Fee Fee Fee <u>Fee Description</u> | 1802 | 900 | 1802 | 900 | application | | ination of a design | |
| Code (\$) Code (\$) | Other | fee (speci | fv) | | .,, | | | |
| 1202 18 2202 9 Claims in excess of 20 | | (0,000 | | | | | | |
| 1201 86 2201 43 Independent claims in excess of 3 | | • | | | | | | |
| | *Redu | iced by Ba | asic Filin | ig Fee Paid | | SUBTOTAL | (3) \$ | 0 |
| 1203 290 2203 145 Multiple dependent claim, if not paid | | | | | | | | |
| 1204 86. 2204 43 ** Reissue independent claims over original patent | | | | | | | | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and | | | | | | | | |
| over original patent | | | | | | | | |
| SUBTOTAL (2) \$ | 1 | | | | | | | |
| **or number previously paid, if greater, For Reissues, see above | | | | | | | | |
| SUBMITTED BY Complete (if applicable) | | | | | | | | |
| Name (Print/Type) Donald R. Studebaker | | tration N | | 32,815 | | Telephone | (202) 585-800 | 0 |
| Signature D. M. | (211107 | newager | <u>''/</u> L | | | Date | January 30, 20 | 04 |
| | | | | | | | j Junuary 50, 20 | 0-1 |